

United States Patent [19]

Brake

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[54] **CATALYTIC PREPARATION OF DIMETHYL ETHER**

[75] Inventor: **Loren D. Brake**, Wilmington, Del.

[73] Assignee: **E. I. Du Pont de Nemours and Company**, Wilmington, Del.

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Related U.S. Application Data

[63] Continuation of Ser. No. 702,842, Feb. 19, 1985, abandoned, which is a continuation of Ser. No. 573,598, Jan. 26, 1984, abandoned, which is a continuation of Ser. No. 394,120, Jul. 1, 1982, abandoned.

[51] Int. Cl.⁴ **C07L 41/04**

[52] U.S. Cl. **568/698**

[58] Field of Search **568/698**

[56] **References Cited**

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Primary Examiner—Howard T. Mars

[57] **ABSTRACT**

In the preparation of dimethyl ether by the catalytic dehydration of methanol, reaction rate is enhanced and catalyst coking and byproduct formation are significantly reduced when an aluminosilicate containing a high level of alumina is used as the catalyst.

3 Claims, No Drawings